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ABSTRACT

The 1977-78 annual report on continuing education activities of the University of British Columbia is presented. The provision of continuing education by the university is decentralized. Several administrative units are responsible for credit and noncredit, general and professional continuing education, and professional development. The following program divisions are involved: extra-sessional studies, continuing education, continuing education in the health sciences, education, commerce and business administration, and social work. Activities of the major administrative units are presented. Additionally, other units of the university, among these the botanical garden, the museum of anthropology, the music department, and the theatre department, provide continuing education opportunities through lectures, demonstrations, exhibits, film showings, concerts, recitals, and readings. Free public seminars and lectures are organized by a number of academic departments and institutes, and public services such as the food information service are provided to the public. Province-wide continuing education services and the university's speakers bureau are also described. (SW)

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Continuing Education Activities
of The University of British Columbia
1977/1978

ED174149

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INTRODUCTION

This is the second comprehensive annual report on continuing education activities of The University of British Columbia. The first report, for academic year 1976-77, covered only activities of the five designated units responsible for continuing education. This report, covering the period from September 1, 1977 to August 31, 1978, attempts to cover the much broader scope of continuing education opportunities offered by UBC through many of its departments.

The provision of continuing education by UBC is decentralized. Several administrative units are responsible for credit and non-credit, general and professional continuing education and professional development. The major administrative units are the Office of Extra-Sessional Studies, the Centre for Continuing Education, the Division of Continuing Education in the Health Sciences, the Field Development Office of the Faculty of Education, the Professional Programs of the Faculty of Commerce and Business Administration, and the Professional Continuing Education Program of the School of Social Work.

In addition, other units of the University, among these the Botanical Garden, the Museum of Anthropology, the UBC Research Forest, the Music Department and the Theatre Department provide considerable continuing education opportunities through lectures, demonstrations, exhibits, film showings, concerts, recitals and readings. Free public seminars and lectures are organized by a number of academic departments and institutes, and public services such as the "Hort-Line" and the Food Information Service of the Faculty of Agricultural Sciences are provided to the public. In these ways UBC contributes significantly to the education of adults, the dissemination of knowledge, and the cultural life on the Lower Mainland and further afield.

In addition to the official, University sponsored activities, individual faculty members provide a considerable contribution to continuing education in British Columbia through participation in continuing education programs of other institutions as well as through voluntary and professional associations. However, these activities are not reflected in this report.

This report is an attempt to gather information on and to convey the scope of these many varied activities and services through which The University of British Columbia enhances the quality of life in British Columbia. Due to the decentralized nature of much of this, it is very difficult to document adequately the level and breadth of this contribution. It is hoped that both the gathering of information and the reporting will be refined in subsequent annual reports.

EXTRA-SESSIONAL CREDIT PROGRAMS

The Office of Extra-Sessional Studies has now been in operation for two years having been instituted in July 1976. The Office was created in response to the increasing numbers of students who needed university credit courses but could not attend the regular daytime program of the Winter Session.

The Office coordinates the administration of all extra-sessional credit courses with the exception of credit correspondence courses which are administered by the Centre for Continuing Education. Courses administered through the Office of Extra-Sessional Studies were given during the late afternoon and on evenings and weekends, both on-and off-campus, during the Winter and Spring Sessions. During the Summer Session most of the courses were given during the day. A number of the credit courses were offered through travel abroad.

The academic staff of this Office consists of the Director, Dr. Norman Watt, and the Associate Director, Dr. Kenneth Slade. During the sabbatical leave of Dr. Watt, Dr. Slade assumed the duties of Acting Director with Dr. Richard E. Robinson taking over the duties of Acting Associate Director. In addition, the Office draws on the services of Coordinators from the Faculties of Arts, Education and Science, appointed by the respective Deans. These Coordinators work closely with the Office in programing courses and serve on the Coordinating Committee. The support staff of the Office consists of the secretary to the Director, a program assistant, and two secretaries.

The Coordinating Committee on Extra-Sessional Studies was established to advise the Director on the long range development plan, budget, course offerings, student academic loads and other related matters. The committee consists of representatives from the Faculties of Arts, Commerce, Education, Science, the Centre for Continuing Education, as well as the three faculty Coordinators, the Associate Director and program assistant. The Director serves as chairman. This committee continues to be of value in their deliberations and advice.

In addition to the charges given to the Office of Extra-Sessional Studies by the President's Permanent Committee on University Extension and Continuing Education, the Office's staff have formulated other specific objectives which are as follows:

1. To establish procedures which will preserve the prerogatives of each faculty with respect to academic requirements for degrees, content of courses, appointment of lecturers.

2. To encourage faculties and departments to provide programs and courses based on student need.

3. To assist faculties and departments to determine the demand for on-and off-campus courses and the most effective way of meeting that demand.

4. To help faculties and departments think through alternative approaches to presenting courses to people who cannot come on campus.

5. To encourage faculties and departments to develop a 1, 2, and 3 year sequence of extra-sessional courses enabling part-time students to plan their programs with confidence.

6. To assist faculties in making it possible for part-time students to earn degrees wholly or in part by part-time studies.

7. To provide effective publicity for programs offered.

Within the constraints of budget restrictions and the often unpredictable student demand for courses the staff of the Office, with the assistance of the Coordinators, has been working hard to meet the objectives it set out.

Winter Session

The 1977-78 Winter Session enrolled 2,107 students in extra-sessional courses. This represents a decrease of 157 students, or seven per cent, over the previous year. This year there were 146 sections or 125.5 three-unit equivalent sections. Course registrations in 1977-78 added up to 2,464 compared to 2,641 in 1976-77. The apparent decrease in enrollment is somewhat deceptive as this figure does not include the increasing number of regular full-time* students who attend the extra-sessional courses.

Of the total 2,464 registrations in extra-sessional courses in 1977-78, 911 were in off-campus courses. A number of the courses held off-campus in 26 locations throughout British Columbia received financial support from the Interior Universities Programs Board. Without this subsidy the courses which did not generate sufficient revenue to offset expenditures could not have been run.

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* A full-time student is anyone who is registered for 12 or more units in the Winter Session. Those taking fewer than 12 units are classified as part-time students if they are registered in regular daytime courses and as extra-sessional students if they are registered only in extra-sessional courses.

Limited contingency funding provided by the University allowed also the operation of several evening on-campus courses with insufficient number of extra-sessional students; these were courses with combined enrollment of extra-sessional and regular full-time students. Of the total 2,107 students, 1,191 or 57 per cent were extra-sessional students; 740 or 35 per cent were full-time students and 176 or 8 per cent were part-time students attending extra-sessional courses.

Despite the special funding arrangements mentioned above, 28 courses were cancelled because of low enrollment. This represents an increase of seven cancelled courses over 1976-77. Sixteen per cent of the courses were cancelled in 1976-77 for low enrollments, 19 per cent in 1977-78.

Spring Session

The 1978 Spring Session attracted 2,642 registrations. This represents an increase of 22 per cent over the 1977 Spring Session. This year there were 113 sections or 97.80 three-unit equivalent sections. This compares with 94 sections last year. Of the 120 sections offered in 1978 seven had to be cancelled due to lack of enrollment.

In this session full-time students constituted only five per cent of the total attendance while extra-sessional students made up 95 per cent. Among the full-time students, 61 per cent were male and 39 per cent were female; among extra-sessional students, 43 per cent were male and 57 per cent were female.

Summer Session

The fifty-nineth Summer Session enrolled 3,975 students compared to 3,987 students in 1977, a decrease of 12 students. It would appear that as Spring Session increased steadily in size over the last few years, Summer Session has dropped between 1976 and 1977 but may now have stabilized again. The increasing number of courses offered off-campus during the Winter Session also may have drawn from a potential Summer Session student body.

Of the 3,975 students enrolled in the 1978 Summer Session, 2,070 (as well as 22 senior citizens) registered in Arts, 203 in Commerce, 2,673 in Education, 441 in Science, 9 in Agricultural Sciences, 56 in Medicine and 44 in other faculties and departments.

Further analysis indicates that 2,293 or 58 per cent of the students were certified teachers, while 1,614 or 42 per cent were non-teachers. This represents a substantial increase of 39 per cent in the number of certified teachers in the Summer Session this year over last year.

The Faculty of Education taught 175 courses (130.5 three-unit equivalents) in the 1978 Summer Session. This compared to 164

(120.7 three-unit equivalents) in the previous year. The Faculties of Arts, Commerce, Science, Medicine and Agricultural Sciences taught 139 (122.3 three-unit equivalents). In the previous year these faculties taught 144 courses (126.8 three-unit equivalents). The average number of units carried by a student was 3.61 units, a slight increase over 3.52 units in 1977.

Of the 373 advertised credit courses in the 1978 Summer Calendar, 35 were cancelled because of lack of enrollment or failure to find an instructor.

In the last few years some few courses have been offered each summer off-campus. This year five courses were offered through the Faculty of Education in New Westminster, Prince George, Richmond, Terrace, and Whitehorse. As well, two courses were taken outside the country to Peru (Fine Arts 397) and Australia (Education 490).

Language institutes were again held by the Asian Studies Department who offered nine-week sessions in Chinese and Japanese. The English Education Department of the Faculty of Education offered institutes in English Education and Teaching English as a Second Language.

Special activities and events sponsored by the Summer Session in 1978 included again the popular Summer Sounds, a series of noon hour concerts; Summer Screen, a free program of classical, popular and National Film Board films; Summer Folk Dance Fiesta; and Music for a Summer Evening concert series. This year a performance of the Japanese Nō Theatre by the visiting Umweka Nōh Troupe, sponsored jointly with the Japanese Foundation and the Departments of English and Asian Studies, was featured as a special event.

EXTRA-SESSIONAL CREDIT REGISTRATIONS 1977-78

Session	Faculty	Course Sections	Course Registrations	Total Registration
Winter	Applied Science (Nursing)	2	16	
	Arts	46	1,112	
	Education (on-campus)	19	382	
	Education (off-campus)	52	911	
	Science	4	43	
	Total Winter Session	123		2,464*
Spring	Arts	64	1,778	
	Commerce	14	331	
	Education (on-campus)	22	411	
	Education (off-campus)	2	30	
	Science	3	92	
	Total Spring Session	105		2,642**
Summer	Agricultural Sciences	1	9	
	Arts	108	2,092	
	Commerce	7	203	
	Education (on-campus)	170	2,673	
	Education (off-campus)	5		
	Medicine	1	56	
	Science	22	441	
	Total Summer Session	314		5,474***

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* This represents 2,107 students

** This represents 2,617 students

*** This represents 3,975 students

GUIDED INDEPENDENT STUDY

Degree-Credit Courses

The development of new degree-credit courses was slowed in 1977-78 for two reasons: (1) the Advisory Committee on Guided Independent Study approved greater selectivity of new courses; and (2) a changing climate was created by the Ministry of Education's Interior University Programs Board and the uncertainty about the future direction of distance education in B.C. As a result, only one course, Economics 301, was completed during the year. Economics 302 is under development and English 301 and Education 383 were recently approved. Two courses started in 1975 still remain to be completed.

Greater attention was devoted during the past year to beginning a regular program of course revision and to improving services to students and tutors.

To assist in course revisions, a new system to collect student evaluation of courses was implemented in the fall. The findings are proving to be a useful resource for faculty members tutoring and revising courses. One major (Philosophy 317) and six minor revisions were completed during the year, with three other major revisions in various stages of completion.

The 60 per cent increase in the number of students in the previous two years, combined with the implementation of a student/tutor telephone system required a major overhaul of the records systems. This was undertaken in close liaison with the Registrar's Office in the hope that eventually useful information about students will be available by computer.

Research indicates that the lack of face-to-face contact with instructors and fellow students is a major factor in the high dropout rate for correspondence students. To reduce this factor, a grant from the Interior University Programs Board was obtained and used to offer local seminars and a free student/tutor telephone system. Although use of this service in its first six months was disappointing statistically, the enthusiasm of those who participated clearly indicates that the service should and will be extended in the coming year.

Student registrations decreased noticeably in the fall of 1977. The decrease continued until late spring when indications of a reversal of the trend appeared. Registrations for the year dropped to 865 from 1,001, a decrease of 13.6 per cent. Two factors appear to have contributed to the decline: the increase in off-campus lecture courses for teachers and the decision to encourage colleges rather than UBC to offer the television course, Fine Arts 125, in interior locations.

Non-Credit Courses

A major increase in the development of non-credit courses was undertaken and several courses are now in various stages of development.

The use of the short audio-tutorial course in Writing Improvement, both by individuals and colleges, indicated a clear demand for the Learning Skills program. Two additional courses, Library Research Skills and Study Skills are now nearing completion.

With financial assistance from the Interior University Programs Board, two audio-tutorial courses in the Certificate in the Education of Young Children are currently under development. These courses will enable pre-school and day care supervisors throughout B.C. to complete the certificate without having to come to UBC during the summer for the entire program. An audio-discussion program based on the Ninth Scarfe Lecture Series was also completed and is being used by parent groups and pre-school teacher groups.

In addition to the development and maintenance of both credit and non-credit guided independent study courses, Guided Independent Study also assumed responsibility for the administration of the Criminology Certificate Program and a new program for Land Surveyors in cooperation with the School of Community and Regional Planning.

Also noteworthy is the emphasis in providing services to B.C. colleges. In addition to making the television course, Fine Arts 125, and the new Learning Skills and Early Childhood Education courses available, Guided Independent Study, with the assistance of the Faculty of Commerce and Business Administration, also assisted in the development of student and instructor materials to enable colleges to offer the equivalent of Commerce 110.

GUIDED INDEPENDENT STUDY REGISTRATIONS 1977-78

Degree-Credit Courses	865	
Certificate-Credit Courses	29	
Non-Credit Courses	140	
TOTAL		1,034

CENTRE FOR CONTINUING EDUCATION

The Centre for Continuing Education has experienced another busy year serving the citizens of British Columbia. Registration in continuing education programs was up to 35,436 from 33,377 last year, an increase of over six per cent. The Centre, with the cooperation of academic departments, schools and faculties, carried on expanding programs to locations in the interior, both in general education and in continuing education in the professions. Citizens advisory committees were established in a number of places in the Okanagan/Thompson region to assist Centre staff in exploring local needs and assisting in program arrangements. The Centre is also working closely with the community colleges in the interior in offering its non-credit programs.

The program featured a number of new courses and program areas, breaking new ground. Among these were a program for legal assistants; a Spring School for Professional Planners offered in close cooperation with the School of Community and Regional Planning; Fish Farming Forum, and Dairy Goat Production co-sponsored with the Faculty of Agricultural Sciences; a project to assist professionals and others working with immigrant families and their elders, sponsored together with the MOSAIC (Multilingual Orientation Service Association for Immigrant Communities); and a new overseas program in cooperation with universities in the U.K.

A number of existing programs and program areas expanded considerably during 1977-78. Enrollment in the Instructor's Diploma Program (for vocational instructors in the colleges) doubled, as did the number of women who made use of the services of the downtown Women's Resources Centre. The Women's Resources Centre developed a new service, a Vocational Planning Centre and Job Hunting Manual. The Continuing Education Program for Librarians, offered in cooperation with the School of Librarianship, served an increased number of professionals in the field. Programs and enrollment in the Language Institute increased again this year, primarily in its French for Adults project supported by grants from the Secretary of State via the B.C. Ministry of Education, and in the variety of English programs for French Canadians, immigrants and participants from abroad.

Among highlights of the program were a Japanese Nō Theatre event presented in cooperation with a number of academic departments; two new self-help housing projects, Earth House and Conservation House, built on campus in cooperation with the Student Housing Administration; a number of Solar Energy Workshops held in Vancouver, Fort Nelson, Powell River, Prince George and Smithers; and major conferences administered by the Centre: The Anthropology of the Unknown, Ibsen Conference, International Intervisitation Program, and Symposium on Ecological Classification of Forest Lands in Canada and the Northwest United States. The Treasurers of Tutankhamun Exhibition in Seattle enabled the Centre to offer a number of highly successful egyptology programs including visits to the exhibition.

Programs for retired people expanded again in 1977-78. The Summer School for Retired People and several other programs designed for this growing clientele attracted some 700 participants this year. The Centre is also cooperating with the West End Senior Learners, established in April 1977, in organizing specific programs for this group. In addition to programs organized for retired people, a number of the general education programs offered by the Centre are available at no cost to senior citizens; in 1977-78 almost 500 retired people took advantage of this opportunity.

Several public events were organized around the Canadian constitutional question, featuring Dr. Richard Simeon of Queen's University. The annual UBC Public Affairs television series centered during the fall of 1977 on regional and institutional problems relating to the Canadian constitution.

Centre staff was involved in a number of projects, many of which were funded by other agencies. A television program with supporting pamphlets on the topic of retirement planning was developed during the year, to be broadcast in 40 B.C. communities in cooperation with the local cable companies. We have carried out a major province-wide project of training in curriculum development for college instructors (DACUM), funded by the federal Manpower and the B.C. Ministry of Education. The Language Institute developed a major pilot project for the Ministry of Education, dealing with teaching English to immigrants via television, with supporting workbooks and manuals. The Centre also carried out, with IUPB funding, a survey of continuing education needs of professional foresters.

The Director of Continuing Engineering Education, Duff Macdonell, was designated as the Centre for Continuing Education's resource person for the 1978 American Society for Engineering Education (ASEE) Conference. As such, he was responsible for administrative and logistic activities in support of a week-long event in which 2,738 international registrants participated in over 340 business, technical and professional sessions. Of these, he had co-sponsorship responsibilities for 11 sessions and full charge of seven sessions having a total of 435 registrations.

Distinguished visiting lecturers engaged in programs offered by the Centre included Peter and Eileen Caddy, founders of the Findhorn Community; Dr. David Bohm, world renowned theoretical physicist and expert in quantum theory; Dr. Richard Simeon of Queen's University, expert on Canadian constitutional questions; and professor Michael Philibert of the Multidisciplinary Gerontology Centre at Grenoble.

The success of the Centre's program and its ability to face the challenges of the future would not be possible without the creative, resourceful and dedicated staff--professional, secretarial, and support. The excellence of our professional staff has been recognized during the past year in several honours,

awards and appointments. Robin Fried was invited as a "young Canadian who has achieved in the arts and sciences" to a special Silver Jubilee Dinner for Her Majesty Queen Elizabeth II in Ottawa in October 1977. Hank Rosenthal was among the recipients of the Queen Elizabeth II Jubilee Medal. Pat Thom was named Adult Educator of the Year by the Northwest Adult Education Association. Sol Kort was appointed to the Board of the Vanier Institute of the Family. Anne Ironside was appointed to the Advisory Committee to the Ministry of Education Project on Educational Programs for Women in B.C.; she was also commissioned by the Ministry of Education to prepare a report and recommendations on Women's Access Centres. Don Mosedale served as a member of two teams and chairman of a third evaluation team of college programs in early childhood education, established by the B.C. Human Services Manpower Council. Eileen Hendry was appointed Conference Chairperson for the important "Beyond the Status Report: The Next Step for Women" conference held in Ottawa in May. Finally, Vince Battistelli was elected President of the Pacific Association for Continuing Education.

CENTRE FOR CONTINUING EDUCATION
STATISTICAL SUMMARY OF PARTICIPANTS IN 1977-78
(PROGRAM AREA AND TYPE)

GUIDED INDEPENDENT STUDY	
Credit Courses	865
Certificate-Credit Guided Independent Study	29
Non-Credit Guided Independent Study	140
GENERAL EDUCATION PROGRAMS	
Lecture Series	10,017
Single Lectures	4,786
Short Courses	3,178
Field Trips	138
Educational Travel	220
PROFESSIONAL AND TECHNICAL PROGRAMS	
Lecture Series	1,178
Single Lectures	462
Short Courses	7,156
Field Trips	198
Educational Travel	34
WOMEN'S RESOURCES CENTRE DROP-IN AND PHONE-IN COUNSELLING	7,035
TOTAL	35,436

CENTRE FOR CONTINUING EDUCATION
STATISTICAL SUMMARY OF PARTICIPANTS IN 1977-78
(LOCATION OF PROGRAMS)

GUIDED INDEPENDENT STUDY	
British Columbia	918
Outside British Columbia	116
GENERAL EDUCATION PROGRAMS	
UBC	12,372
Greater Vancouver	4,125
Province-Wide	1,484
Field Trips and Educational Travel	358
PROFESSIONAL EDUCATION PROGRAMS	
UBC	3,269
Greater Vancouver	3,540
Province-Wide	1,987
Field Trips and Educational Travel	232
WOMEN'S RESOURCES CENTRE DROP-IN AND PHONE-IN COUNSELLING	7,035
TOTAL	35,436

CENTRE FOR CONTINUING EDUCATION
PROFESSIONAL STAFF

Director's Office

Jindra Kulich
Director

Vince Battistelli
Associate Director

Genia Kaye
Administrative Assistant
to the Director

Kenneth G. Langland
Assistant Director

Directors of Program Areas

AGING AND HUMAN RELATIONS
Marjorie V. Smith

COMMUNICATION & MARKETING
Colleen Bourke

CREATIVE ARTS
Sheila Maxwell

DAYTIME
Patricia Thom
Martha Powell

EDUCATIONAL TRAVEL & FIELD STUDIES
MaryFrank Macfarlane

EDUCATION EXTENSION
Philip E. Moir

EDUCATION FOR RETIREMENT YEARS
Gail Riddell

EDUCATION OF YOUNG CHILDREN
Donald S. Mosedale

CONTINUING ENGINEERING EDUCATION
A.L. Duff Macdonell

GUIDED INDEPENDENT STUDY
Audrey L. Campbell

HUMANITIES AND SCIENCES
Sol Kort

INSTRUCTOR'S DIPLOMA PROGRAM
Sandy McGechaen

INTERIOR PROGRAM-OKANAGAN/THOMPSON
John G. Edwards

LANGUAGE INSTITUTE
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CONTINUING LEGAL EDUCATION
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PUBLIC AFFAIRS
Gerald N. Savory

READING, WRITING & STUDY SKILLS CENTRE
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RESOURCE INDUSTRIES
(Agriculture, Forestry, Marine)
Graham A. Drew

SOCIAL SCIENCES
Henry M. Rosenthal

TRAINING FOR ADULT EDUCATORS
Jindra Kulich

URBAN PLANNING
Robin S. Fried

WOMEN IN MANAGEMENT
Eileen M.H. Hendry

WOMEN'S RESOURCES CENTRE
Anne Ironside
Ruth Sigal

DIVISION OF CONTINUING EDUCATION IN THE HEALTH SCIENCES

Continuing Education in the Health Sciences is one of six divisions responsible to the Coordinator, Health Sciences Centre. It is located on the first floor of the Mr. & Mrs. P.A. Woodward Instructional Resources Centre and is made up of the following:

Continuing Dental Education
Continuing Education in Human Nutrition and Dietetics
Continuing Medical Education
Continuing Nursing Education
Continuing Education in the Pharmaceutical Sciences
Continuing Education in Rehabilitation Medicine

Objectives

The objectives of the Division of Continuing Education in the Health Sciences are:

1. To assist the faculties and schools of the health sciences in their programs of continuing education.

2. To stimulate interprofessional learning among members of two or more professions.

3. To initiate and support new methods of learning in interprofessional continuing education.

4. To offer educational opportunities to help prepare members of the health professions to become specialists in continuing education.

5. To encourage health professionals in the community to initiate their own continuing education and to provide faculty support when requested.

6. To offer consultative services regarding inter-professional and uni-professional continuing education.

7. To establish liaison with other groups providing continuing education in order that cooperative programing and coordination is encouraged.

8. To initiate and support research activities pertinent to the development of continuing education in the health sciences.

9. To foster health education programs for the public.

Progress Toward Achieving Objectives

During the academic year 1977-78, the Program Directors, administrative personnel and education support staff met weekly as a Division Committee to review progress and to deal with policy changes and requests from health professionals in the communities. Directors attended many uni-professional and interprofessional course planning committee meetings as well as meetings with professional associations and faculty advisory committees.

Liaison was maintained with the Centre for Continuing Education and the Department of Adult Education, UBC as well as with the University of Victoria, New Caledonia College and Northwest College.

To Assist the Faculties and Schools of the Health Sciences in Their Programs of Continuing Education

Continuing Dental Education:

Regional Coordinators. In June, 1978 a workshop in adult education was held, on-campus, for eight Regional Coordinators elected in key interior locations. The Coordinators were provided with skills to identify and meet the particular continuing education needs of the dentists in their communities. This network of Regional Coordinators will ensure that relevant and more frequent continuing education activities will occur at less cost and less time away from practice. Honorary faculty appointments have been obtained for the Coordinators and the full cooperation of the division of Continuing Dental Education is ensured.

Courses. During the academic year the division provided 37 on-campus courses attended by 2,096 dentists, 653 auxiliaries and 97 technicians, and 12 regional courses attended by 483 dentists, 273 auxiliaries and 17 technicians. A total of 49 courses attended by 3,619 dentists, auxiliaries and technicians, an increase in attendance of more than 80 per cent over 1976-77.

Continuing Education in Human Nutrition and Dietetics:

This division provided three on-campus courses attended by 228 dietitians, nutritionists and other health professionals. In addition, the Director of this program contributed significantly to the development of interprofessional courses and assisted other Directors with courses requiring input from Human Nutrition and Dietetics.

Division of Continuing Medical Education:

This Division provided 18 on-campus courses attended by 1,564 physicians and 50 regional courses attended by 806 physicians.

In addition, during the year, eight physicians took advantage of the Clinical Traineeship Program and spent from two weeks to a month in a teaching hospital to refresh their knowledge on a wide selection of subjects and skills.

Continuing Nursing Education:

This division provided ten on-campus courses during the year. These were attended by 388 nurses. In addition nine community based courses were programed and were attended by 413 nurses.

Continuing Education in the Pharmaceutical Sciences:

During the academic year, the Director of this program provided nine on-campus courses attended by 446 pharmacists. In addition the Regional Coordinators of Continuing Education in the Pharmaceutical Sciences, with the cooperation of this division, provided 38 courses attended by 1,459 pharmacists in various communities throughout the province.

With the cooperation and sponsorship of the Faculty of Pharmaceutical Sciences and the professional associations, a third workshop for Regional Coordinators was held.

Pharmacists also utilized the audio-tape continuing education program which is available on a loan basis.

Continuing Education in Rehabilitation Medicine:

The Orthopaedic and Soft Tissue Injuries series again proved to be very popular; 15 limited registration courses were provided and were attended by 424 registrants.

Five courses on other topics were attended by 207 registrants.

To Stimulate Interprofessional Learning Among Two or More Health Professions

Additional emphasis was placed on the development of interprofessional activities during 1977-78. In addition to the customary practice of involving one of the Directors with each interprofessional planning committee, the Associate Director of Educational Planning was assigned to each committee as a staff member. Five on-campus programs were held with a total registration of 587.

To Initiate and Support New Methods of Learning in Interprofessional Continuing Education

A new approach to interprofessional programs was tried in the Contraception course this year. The format included

multidisciplinary plenary sessions, uni-professional workshops and team problem-solving sessions in which five professions worked on a sequential patient management problem. The approach was well received by those who attended, but low registration by pharmacists and gynaecologists limited its effectiveness.

To Offer Educational Opportunities to Help Prepare Members of the Health Professions to Become Specialists in Continuing Education

During the 1977-78 academic year, 47 health professionals representing seven disciplines were enrolled in graduate programs in Adult Education; 34 at the master's level and 13 at the doctoral level. Four were awarded degrees in 1978. The inter-professional seminar led by Dr. John F. McCreary, former Coordinator of Health Sciences, was an important part of the program. The Division was represented by its Associate Director of Educational Planning, who acted as a facilitator.

To Encourage Health Professionals in the Community to Initiate Their Own Continuing Education and to Provide Faculty Support When Requested

During 1977-78, the Division undertook a number of projects to help health professionals in the community initiate their own continuing education programs.

A third intensive workshop was held for regional coordinators of continuing pharmacy education, which trained 32 new coordinators. Those trained in the previous two years planned and conducted a total of 60 programs in communities outside Vancouver during 1977-78.

A network of continuing education coordinators was established in Dentistry through an intensive workshop held in June. Eight regional coordinators were trained.

The Program Planning Guide for Health Professionals, an introductory handbook providing a step-by-step explanation of how continuing education programs should be planned, was re-printed in 1978. A total of 700 copies have been printed and are being sold at cost.

To Offer Consultative Services Regarding Inter-Professional and Uni-professional Continuing Education

Members of the Division continued to provide consultative services to individuals, agencies and institutions in Canada and abroad concerning the development and operation of continuing education.

Dr. Jack Gilbert, a visiting scholar on leave from the Western Australia Institute of Technology in Perth, spent considerable time in the Division learning about its development and operation. With assistance of members of the Division Committee, Dr. Gilbert developed a document entitled "Continuing Professional Education in the Health Sciences" which describes the place of continuing education in the health sciences within the continuing education programs of the University. The document may provide a basis for the development of continuing education programs at WAIT.

The Director of Continuing Dental Education and the Associate Director of Educational Planning held a series of consultations with the Vancouver and District Dental Society to help clarify its purpose and educational role. A two-day workshop was held in October 1977 to conclude the process.

A series of consultations was also held with the Junior League of Vancouver to help develop a mobile project on perinatal care. Details are presented further on in the report. The project is intended to be in operation during the International Year of the Child.

To Establish Liaison with Other Groups Providing Continuing Education in Order that Cooperative Programing and Coordination be Encouraged

The Division continued its attempts to ensure that its role is recognized and understood by other agencies and institutions and that its activities are compatible with their efforts in continuing education.

During a meeting with the Director of Continuing Education from the University of Victoria and his program officer, a document was drafted which contained guidelines for various levels of cooperation. It is hoped that the agreements reached will foster even more effective cooperation between our two institutions.

The Acting Director of Continuing Nursing Education has been extensively involved with other Lower Mainland providers of continuing nursing education in developing a plan for mutual communication and cooperation. It is hoped that this plan will lead to the forming of an umbrella organization for continuing nursing education in 1978-79.

In April of 1978, the Director of the B.C. Office of the Canadian College of Health Service Executives accepted an invitation to become a liaison member of the Division Committee. This represents the first formal link with the health service executives group.

To Initiate and Support Research Activities Pertinent to the Development of Continuing Education in the Health Sciences

A computerized system was established in the summer of 1978 to store registration and evaluation data collected after September 1, 1978. This data will provide a base for an ongoing program of research and evaluation.

To Foster Health Education Programs for the Public

The series of consultations with the Junior League of Vancouver referred to earlier led to the development of a proposal for a mobile centre for perinatal education. The proposal envisions a small van outfitted with audio-visual equipment and materials that would travel to smaller centres in the province to stimulate interest in and provide information to members of the public about proper perinatal care.

An evening lecture for members of the public was held in association with the Contraception program. It was attended by approximately 75 teachers, counsellors and members of the general public. A second lecture Megavitamin Therapy - Facts and Fiction by Dr. Victor Herbert was attended by approximately 300 health professionals, students and interested members of the public. A third lecture Horticulture as Therapy in Great Britain was attended by approximately 200 health workers and others. This lecture was delivered by Mr. A.S. White, Research Gardener from the Nuffield Orthopaedic Centre in Oxford England, who was presenting a course sponsored by Rehabilitation Medicine and the UBC Botanical Gardens.

DIVISION OF CONTINUING EDUCATION IN THE HEALTH SCIENCES

ACADEMIC AND ADMINISTRATIVE STAFF

The Division of Continuing Education in the Health Sciences was administered by a Committee consisting of:

Coordinator, Health Sciences Centre

Dr. B.E.Riedel

Chairman of the Committee of Continuing Education in the Health Sciences and Director of Continuing Dental Education

Dr. Malcolm F. Williamson

Acting Director of Continuing Education in Human Nutrition and Dietetics

Dr. Nancy E. Schwartz

Director of the Division of
Continuing Medical Education

Dr. David S. Lirenman

Acting Director of Continuing Nursing Education

Jo-Ann Wood

Director of Continuing Education
in Pharmaceutical Sciences

Dr. David W. Fielding

Director of Continuing Education
in Rehabilitation Medicine

B. Louise McGregor

Associate Director Educational Support
and Development

Robert C. Gobert

Executive Director

Ralph A. Barnard

Administrator

David Miller

The individual Directors of the continuing education programs for each profession are appointed by and responsible to the Deans or Directors of the Health Sciences Faculties and Schools. Each Faculty and School provides support staff to its Director.

DIVISION OF CONTINUING EDUCATION IN THE HEALTH SCIENCES
STATISTICAL SUMMARY OF ON-CAMPUS AND OFF-CAMPUS REGISTRATIONS IN 1977-78

	No. of On-Campus Courses	Registration	No. of Off-Campus Courses	Registration
Dentistry	59	3,176	12	773
Human Nutrition and Dietetics	3	228		
Medicine	18	1,564	50	806
Nursing	10	388	9	413
Pharmacy	9	446	38	1,459
Rehabilitation Medicine	20	631		
Interprofessional	5	587		
Special Lectures	5	775		
TOTALS	129	7,795	109	3,451

TOTAL ON-CAMPUS COURSES	129	REGISTRATION	7,795
TOTAL OFF-CAMPUS COURSES	109	REGISTRATION	3,451
TOTAL COURSES	238	TOTAL REGISTRATION	11,246

PROFESSIONAL PROGRAMS OF THE FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION

Professional Programs in the Faculty of Commerce and Business Administration comprise the continuing education activities of the Faculty in three divisions: Executive Programs, Diploma Division, and Real Estate Division. Executive Programs is concerned with short-term, management seminars. Diploma Division is responsible for long-term, professional career training. Real Estate Division is responsible for licensing and continuing education to the real estate industry.

Dr. Fred H. Siller is responsible for the Faculty's continuing education activities as Associate Dean for Professional Programs. Reporting to Dr. Siller are Mr. Dan Ulinder of Executive Programs and the Diploma Division, Miss Sharon Habkirk of the Diploma Division, and Mr. Vern Ferguson of the Real Estate Division.

Executive Programs

During 1977-78, Executive Programs offered over 70 management seminars to more than 2,000 businessmen and women throughout the province. These seminars covered a wide range of topics of interest to executives and managers from human resource administration to computerized management information systems. Local seminars were held in downtown Vancouver and at the University. In addition, seminars were held in locations outside of metropolitan Vancouver as well as outside of British Columbia. These locations included Victoria, Harrison Hot Springs, Kamloops, Kelowna, Vernon, Castlegar, Cranbrook, Prince George, Edmonton, Calgary, and Toronto.

The E.D. MacPhee Executive Conference Centre continues to be a superior facility for Executive Programs. The Centre provides an excellent atmosphere for continuing business education.

During the year, Executive Programs continued to develop its relationship with industry in British Columbia and was successful in implementing a number of new course offerings throughout the province.

Real Estate Division

The Real Estate Division provided training in five areas during 1977-78 to over 3,500 students. The Diploma Course in Urban Land Economics and the Mortgage Lender's Course were offered across Canada.

The Diploma Course in Urban Land Economics is four years in length and covers such areas as land economics, appraisal,

mortgage finance, real property taxation, and property management. During 1977-78, a total of 645 candidates were enrolled in the program.

The Salesman's Pre-Licensing Course is offered several times throughout the year. The course is available by correspondence, evening lecture series, or in-residence program. Completion of the course is required of applicants for a Real Estate Salesman's License in British Columbia. In 1977-78, over 2,000 candidates took the course.

The Agents' Pre-Licensing Course is available by correspondence or on an in-residence basis. The course enrolled over 450 students in 1977-78.

The Licensing Course for Mortgage Brokers, some 20 weeks in length, served over 300 candidates in 1977-78.

The Certificate Course in Administration for the Real Estate Industry enrolled over 50 students on a lecture and correspondence basis.

Diploma Division

The Diploma Division offers five professional development courses in conjunction with various professional associations. These courses are organized by the Division but the diplomas are awarded by the associations. In total, some 4,500 students were registered in the Diploma Division during 1977-78.

The Certified General Accountants' Course, under the sponsorship of the Certified General Accountants' Association of British Columbia, remained the largest of the diploma offerings. Approximately 2,500 students were enrolled in this program studying various facets of law, accounting, taxation and other management subjects. The course requires five years to complete and may be taken by lecture or correspondence throughout the province.

Society of Management Accountants' Course, sponsored by the Society of Management Accounting of British Columbia also takes five years to complete. Graduates are specialists in management accounting and financial control. Some 600 students were enrolled during 1977-78.

The Junior Chamber of Commerce Business Management Program, sponsored by the Vancouver Junior Chamber of Commerce, enrolled over 200 students during 1977-78. The course is designed to provide students with a well-rounded business education.

The Marketing and Sales Management Diploma develops professional marketing managers. The course is three years in length and enrolled approximately 120 students in 1977-78.

The course for the Institute of Canadian Bankers leads to a fellowship in the Institute on the completion of three years of

study. During 1977-78, approximately 1,050 students were enrolled in the program.

FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION
STATISTICAL SUMMARY OF REGISTRATIONS IN PROFESSIONAL PROGRAMS 1977-78

Executive Programs		
	Seventy-two seminars	2,030
Real Estate Division		
	Five pre-licensing, licensing and other programs	3,612
Diploma Division		
	Junior Chamber of Commerce Business Management Program	244
	Marketing and Sales Management Diploma Program	126
	Institute of Canadian Bankers' Program	1,054
	Registered Industrial Accountants Diploma Program	594
	Certified General Accountants Diploma Program	2,567
	TOTAL REGISTRATION IN PROFESSIONAL PROGRAMS	10,227

PROFESSIONAL CONTINUING EDUCATION PROGRAM OF THE SCHOOL OF SOCIAL WORK

The School's Continuing Education Program has two objectives. First, it is designed to enhance the knowledge and skills of social workers who already have a University degree in the discipline. Second, it is intended to provide educational opportunities for the substantial number of persons employed in the social services who lack professional education.

The Continuing Education Program is planned by a School Committee and administered by a faculty member reporting to the School Director.

In 1977-78, the School offered 27 continuing education courses, with total enrollment of 464 persons; compared with 20 courses and some 300 enrollees in 1976-77.

Co-sponsored by the School and the B.C. Association of Social Workers, the Continuing Education Committee also offers an annual series of evening Colloquia. Four Colloquia were offered during 1977-78, with total attendance of some 250 persons.

The five Western Canadian Schools of Social Work jointly sponsor an annual Conference on Family Practice. The UBC School's Continuing Education Committee took responsibility for the planning and administration of the June 1978 Conference. This joint endeavour in Continuing Education in Social Work is proving highly successful, reflected in enrollment of over 250 persons compared with 125 the previous year.

STATISTICAL SUMMARY OF REGISTRATIONS 1977-78

Developing a Model for Teaching Parents to be Change Agents in Their Own Family	10
Developing a Practice Framework for Treating the Family System	25
Family Methods in Community Health	8
How Can A Family Change?	20
Developing Skills in Working With People	18
Intermediate Skills in Working With People	17
Advanced Skills in Working With People	21

The Use of a Psychiatric Work-up in Social Work Practice	48
Social Work with Groups: An Interactional Approach	26
Time Management for Social Workers	13
Supervision of Family Practice	15
Counselling Gay People and Their Families	35
Developing Skills in Working with People	15
Developing Skills in Working with People	16
How Can a Family Change?	19
Time Management for Social Workers	13
Brief Family and Couple Psychotherapy	10
Basics of Canadian Social Policy for Social Work Practitioners	13
The Woman in Acute Depression - Establishing a Treatment Plan and Goals	11
Intermediate Skills in Working with People	18
Developing a Model for Teaching Parents to be Change Agents in Their Own Family	5
Separation and Grief: The Experience and the Process	14
Intermediate Skills in Working with People	13
Stress Reduction Workshop	21
Advanced Skills in Working with People	11
Separation and Grief: The Experience and the Process	14
Stress Reduction Workshop	15
Total	464

CONTINUING EDUCATION ACTIVITIES OF THE FACULTY OF EDUCATION

The Faculty of Education is involved in continuing education for the teaching profession in a major way. This involvement is initiated both within the Faculty and from the field through requests from school districts and local teacher associations. It is organized through the Field Development Office, or directly through the departments in the Faculty of Education. Some of the courses and workshops are organized in cooperation with Education Extension in the Centre for Continuing Education. The following statistics indicate the scope of this service to the teaching profession, calculated in hours of faculty involvement. A considerable part of the continuing education activities of the Faculty of Education takes place in non-metropolitan areas throughout British Columbia.

ACTIVITIES SPONSORED BY THE FIELD DEVELOPMENT OFFICE 1977-78

Department	Credit Courses	Non-Credit Courses
Art Education	120	5
Communications, Media & Technology	240	-
Counselling Psychology	330	-
Early Childhood	120	-
Educational Administration	240	67.5
Educational Psychology	-	25
English Education	450	172.5
Educational Foundations	150	5
Home Economics	-	10
Industrial Education	360	-
Mathematics Education	-	15
N.I.T.E.P.	-	5
Reading Education	480	105
Science Education	30	20
School Librarianship	180	-
Social Studies	-	42.5
Special Education	330	50
Teacher Preparation/ Physical Education	-	5
TOTAL (Hours)	3,030	572.5

FACULTY OF EDUCATION CONTINUING EDUCATION ACTIVITIES SPONSORED DIRECTLY BY THE FACULTY 1977-78

Department	Lectures	Seminars/Workshops Symposia/Lecture Series	Scientific Exhibitions & Demonstrations	Congresses and Conferences	Various Per-formances	Other Exhibits
Adult Education	32	164		76		
Art Education	22	111	5	24		160
Business Education		13		12		
Communications, Media & Technology	8	71		20		150
Counselling Psychology	35	200		138		
Early Childhood	27					
Educational Administration	30	214		166		
Educational Psychology	126	790	1	753	2	5
English Education	60	310		60		
Educational Foundations	27	68		15		
Higher Education	3	4		6		
Home Economics	228	45		51		
Industrial Education	4	236		102		
Mathematics Education	3	36				
Music Education	11	168		80	110	
N.I.T.E.P.	15	173		215		
Reading Education	53	208		117		
Science Education	100	458	20	738	13	
School Librarianship	45	30				
Social Studies	43	183		76	3	
Special Education	215	218			1	
Student Teaching		165				
Teacher Preparation/ Physical Education	5	227		36		280
TOTAL (Hours)	1,092	4,092	26	2,685	129	680

UBC BOTANICAL GARDEN

The academic year 1977-78 saw the completion of some major elements of the Botanical Garden program. In April 1978, two major components of the Botanical Garden were officially dedicated. The B.C. Native Garden, an 8-acre garden devoted to plants of the indigenous flora of British Columbia, was officially dedicated to the memory of Professor John Davidson, the first director of the Botanical Garden; and, at the same time, dedication was made of the Alpine Rock and Scree Garden to be called officially The E.H. Lohbrunner Alpine Garden.

The second major development during this period was the initiation and activation of the use of horticulture in therapy for both the Health Sciences program at the University and for local community programs associated with extended care hospitals. The program received a major impetus through the development of a special symposium held in March, at which time Mr. Andrew S. White, Research Gardener with the Mary Marlborough Lodge of the Nuffield Orthopaedic Foundation in Oxford, served as a principal participant at the symposium. More than 40 professionals from the Health Sciences and Social Sciences fields participated in this program and the results of this symposium have now been published as Technical Bulletin No. 9 from the UBC Botanical Garden. In addition to the program's development which has led to active participation by Botanical Garden staff in the training and instruction of occupational therapists with the Health Sciences at the University, The Garden Club of Vancouver donated funds for the erection of a special greenhouse which serves as a training and teaching centre for handicapped people, particularly wheelchair patients. During the summer, this program graduated some 32 participants, who were patients at the Harry V. Purdy Extended Care Hospital on campus. A spin-off of this program has been the development of a major new emphasis in the use of horticulture as therapy at the hospital on campus and continuing developments have occurred at Pearson Hospital and Vancouver General Hospital in the city. The program serves to exemplify the type of innovative and creative research activities which can be developed at the Botanical Garden and serve to produce for the University an active community program which will benefit not only the community but the University at large. The Botanical Garden should continue to serve as a resource agent, developing innovative programs that are spun off the community to magnify the effect of the programs over a large area.

The Botanical Garden continued to remain active in its public service role. The Garden presents a major display and educational program at the P.N.E. Home & Garden Show. In fact, what was the Home Show has now become known as the Home & Garden Show, primarily because of the activities of the Botanical Garden at the Show. It represents a major activity for the Botanical Garden in January/February and does provide for the general public and the professional nursery and florist trade associations an

opportunity to discuss and take part in the Botanical Garden programs from the University.

The Friends of the Garden program has continued to provide active support in the development of programs for the University. Some 33 members of the Friends of the Garden have worked diligently to provide tour guide service for the Botanical Garden, assisted in the development of the Index Seminum program, the establishment of new trail guides for specific Garden components and have spearheaded and developed programs in the program entitled "Plantae Occidentalis: 200 Years of Botanical Art", which will result in a national show of botanical art. The show will open in Vancouver at the Museum of Anthropology immediately after Easter in 1979 and it will then travel across Canada to Prince Edward Island, Ontario, Manitoba and Alberta before returning to Vancouver. The participation of the volunteer organization has enabled the Botanical Garden to develop many new public service programs which would not be possible through use of our own staff. In addition, these Friends of the Garden have given freely of their innovative and creative talents to extend and develop exciting new programs.

The Botanical Garden has continued to provide leadership in professional organizations - for example, the American Association of Botanical Gardens and Arboreta, the B.C. Nursery Trades Association, British Columbia Society of Landscape Architects, the Plant Introductory Advisory Committee. In addition, members of the staff have served as either Presidents or Vice-Presidents of plant societies and their contribution to the community through these specialized groups provide an important liaison between the community and the University.

During the year the Botanical Garden offered 81 classes with 1,417 participants and responded to 2,243 enquiries from the public. The Friends of the Garden were responsible for 46 guided tours with 1,525 participants.

MUSEUM OF ANTHROPOLOGY: EXHIBITS AND PROGRAMS

Special Exhibits

September 27 - December 31, 1977	Traditional Arts of Korea: Adornment, Costumes and Ceramics
October 9 - October 31, 1977	Chinese Snuff Bottles
November 1 - January 31, 1978	An Exhibition of the Works of Norman Tait, a contemporary Nishga artist
January 25 - January 29, 1978	Traditional East African Medical Beliefs and Practices, an exhibition prepared in cooperation with the Hannah Institute for the history of medical and related sciences
March 7 - June 11, 1978	An exhibition of the collected works of Joe David, contemporary West Coast artist
March 28 - July 2, 1978	Encounter 1778: Drawings, watercolours, and sketches by John Webber at Nootka Sound
April 22 - February 4, 1979	Yuquot....4,000 Years. Continuity and Change in a West Coast Village, an exhibition prepared with the cooperation of Parks Canada
August 9 - October 15, 1978	Image and Life: 50,000 Years of Japanese Prehistory. This exhibition of over two hundred artifacts ranges from earliest prehistory to about 600 A.D. when the first state rose to power. The Palaeolithic, Jomo, Yayoi, and Tomb (Kofun) Periods are represented. The specimens include the oldest pottery in the world (earlier than 10,000 B.C.), an 18,000 year old Palaeolithic figurine, a wide range of important ceramics of the Jomon and Yayoi Periods, seven Haniwa figures, bronze weapons and wide range of representative stone tools

Sunday Afternoons at the Museum	Attendance
Puccio and Sparkletoe presented by Circus Minimus	471
The Rio Bumba Band in the Museum of Anthropology	289
A program of Chilean music using traditional instruments presented by The Vancouver Chilean Association Song Group	276
Punch and Judy Show by Bert Staddon	246

Traditional Korean Dances, a program complementing the temporary exhibition Traditional Arts of Korea	192
Chinese Snuff Bottles, an informal talk and opening of the temporary exhibition	212
An introduction to Cloisonne Slides, lecture and demonstration by Judith Gould	207
Brass Rubbings: A talk and demonstration by Betty and Jan de Bruyn	207
Collecting and Conserving Indian Baskets, by Sharon Proctor	189
A slide/lecture on his work exhibited in the Museum by Norman Tait, Nishga artist	291
A slide/lecture on his work by Tim Paul, West Coast artist	125
A slide/lecture on his work by Glen Woods, Tsimshian artist	172
A lecture/demonstration on their work by Jerry Smith and Beau Dick, Indian artists	160
Decoration of the Museum's christmas tree with ethnic decorations; christmas foods were featured and recipes exchanged	177
An introduction to Chanukah, the Jewish Festival of Lights by Michael K. Goldberg and David Jacobs	150
The University Chamber Singers with Cortland Hultberg	245
A public recording session by Walter Zuber Armstrong, composer and jazz musician	195
A song writing workshop for voice and guitar by Fred Booker, Vancouver musician	230
A program of early music featuring Renaissance and Baroque period instruments such as recorders, crumhorns, violas da gamba and lutes by Collegium Musicum students under the direction of John Sawyer	270
An introduction to the songs, history, and tradition to the Kwakiutl people by Beau Dick	303
An afternoon of traditional East Indian music with tabla and tampura accompaniment by Balbir Singh Bhangu	287
A program of Chinese lion dances on the occasion of the lunar New Year (Year of the Snake)	413

An introduction to the techniques of Chinese calligraphy and to the various styles of calligraphy in their historical context by Mr. Yim Tse, an accomplished calligrapher	255
Through an artist's eyes: The Original Cook's Tour. An illustrated lecture of Captain Cook's third voyage through Polynesia, the Northwest Coast of North America, Siberia and Kamtschatka by Lorraine Miller	247
A presentation outlining what a Nootkan dialect is like today by Dr. Barbara Efrat, Curator of Linguistics, B.C. Provincial Museum	162
West Coast artists Joe David and Ron Hamilton met and talked with Museum visitors and commented on pieces in their exhibition	484
An illustrated talk on the West Coast tradition and his art by Tim Paul, West Coast artist	194
Introduction to the songs and dances of her people, by Emma Hunt	277
John Webber, Captain Cook's artist, and Webber's drawings and engravings of Nootka Sound and the Northwest Coast prepared during Cook's 1778 voyage, discussed by Douglas Cole, Simon Fraser historian	177
Whaling and the West Coast people; a slide presentation on the technology and typology by Alan Hoover, Assistant Curator of Ethnology, B.C. Provincial Museum	189
An afternoon to honour the basket makers of the West Coast. Reception and demonstration	254
The West Coast wolf ritual: An illustrated talk which will examine one of the major rituals of the West Coast people, a century after Cook. Susan Moogk, Museum Anthropologist	193
Sasquatch and other Humanoid Monsters; upper elementary school students analyse the phenomena. The first annual international conference on Anthropology and the Unknown, entitled Humanoid Monsters: Sasquatch and Other Phenomena, will be held at UBC May 9-13, 1978	204

Tuesday Evenings at the Museum	Attendance
An evening of traditional East Indian music by Balbir Singh Bhangu	102

An evening of Japanese koto music by Teresa Kobayashi	132
An evening of East Indian music	104
An evening of Korean music	51
Korean films: 2,000 years of Korean Art; Korean Genre Painting; Pulguksa Temple	42
Chinese Snuff Bottles, a slide/lecture presented by Elisabeth Kardos	43
Korean films: Korean Relics of the Neolithic Age; Silla's Twin Tumulus; Anap ji Pond (excavation of Relics)	102
Mayan Shamanism, a film by Claudine Viallon and Georges Payrastre, with discussion following the screening of the film	67
The Cult of the Maya, a film by Claudine Viallon and Georges Payrastre, with discussion following the screening of the film	70
Potlatch, A Strict Law Bids Us Dance, a film by Dennis Wheeler	121
Behind the Masks, a film by Claude Levi-Strauss and Totem, a film documenting the famous Anthony Island expedition	54
Dead Birds	49
On the Track of the Bog People	121
Bushmen of the Kalahari	65
Dialogue with Peter MacNair, Joe David, and Ron Hamilton on the artistic tradition of the West Coast people	175

Workshops	Attendance
Cloisonne Workshops	24

Teachers Workshops

Basic orientation to teachers	75
Teacher-librarians	80
North West Indian Culture with Hilary Stewart	30

North West Coast Indian Design with Roy Vickers	8
Basic orientation	15

MUSEUM OF ANTHROPOLOGY
STATISTICAL SUMMARY OF PARTICIPATION IN PROGRAMS 1977-78

Sunday Afternoons at the Museum	7,943
Tuesday Evenings at the Museum	1,298
Workshops	24
Teachers Workshops	208
TOTAL	9,473

FREE PUBLIC LECTURES, COURSES AND SEMINARS

Many faculties, academic departments and institutes offer lectures and seminars which are open to faculty, staff, students, professionals in the field, and to the general public free of charge. Attendance at these events varies considerably from two to three non-university participants to several hundred in the larger public lecture series. The lecturers are UBC faculty or visiting professors. It is very difficult, if not impossible, to have a record of literally hundreds of lectures and seminars held during the course of an academic year, and of the number of non-university participants. This report can only attempt to highlight the major public lecture series and to offer examples of other activities in this area which have attracted professionals and members of the general public. There can be no doubt, however, that these events constitute another important service rendered by the University to the community.

The Cecil H. and Ida Green Visiting Professor Lectures

A fund established by Cecil H. and Ida Green enables the University to bring to the campus outstanding scholars and researchers from Canada and abroad. In addition to being available for consultation and informal seminars for the university community, the visiting professors give two or more free public lectures. The following were the visiting professors in 1977-78: Sir George Porter of the Royal Institution of Great Britain; Prof. John Dunn of King's College at Cambridge; Sir Derek Barton of Imperial College at the University of London; Prof. Gordon Craig of the University of Edinburgh; Prof. Robert Rosenblum of the Institute of Fine Arts at New York University; Sir Alfred Ayer of Oxford University; Dr. Arnold Smith, the Lester B. Pearson Professor of International Affairs at Carleton University; Prof. Har Gobind Khorana of the Massachusetts Institute of Technology; and Martin Esslin, distinguished English theatre critic from London. These outstanding visitors altogether gave 27 public lectures which attracted an audience in excess of 7,800 people.

Centre for Human Settlements

The UBC Centre for Human Settlements, established at the time of the international United Nations Conference on Human Settlements, Habitat '76, held in Vancouver in June 1976, brings to UBC a number of internationally known experts. As part of the activities of the Centre, these visiting experts offer public lectures, held both on and off campus. Almost 300 persons participated in these programs during 1977-78. This year's public program of the Centre for Human Settlements included:

Habitat Lectures

People, Places and Design Elements; Professor B.V. Doshi, Dean, Centre of Environmental Planning, Ahmedabad, India

Planning and Building Down Under: Australia's New Settlement Strategy; and Building with History: An Australian Architect's Current Practice; Mr. Harry Seidler, O.B.E., Australian architect and planner

Planning and Design for Remote Communities; Professor Robert Esdaile, Professor of Architecture, University of Trondheim, Norway

Workshops and Discussion Series

Quality of Life: Innovations in Human Settlements; a discussion series

Research and Education in Human Settlements: Canada and the Third World; one-day workshop with Mr. Fred Dawes, CIDA, Ottawa.

Computing Centre Non-Credit Courses

The Computing Centre offers a number of free non-credit courses throughout the year to provide basic instruction or upgrading in the use of the University computer. Twenty-seven courses on seventeen topics ranging from Introduction to Computing to FMT Seminar were offered during 1977-78. In addition, the Computing Centre developed two computer assisted instruction courses which are available to UBC computer users. The 27 courses, which are widely publicized, attracted almost 1,000 participants, many of whom were non-university holders of commercial ID's on the University computer as well as others who attended out of general interest.

Institute of Applied Mathematics and Statistics

The Institute has been organizing a regular weekly Statistics Workshop and an IAMS Colloquium, which have attracted faculty, students and members of the professions and the general public. During 1977-78, three new applied mathematics seminar series were initiated: the Optimization Seminars, the Resource Seminars, and the Applied Mathematical Modelling and Analysis Seminars. This considerably expanded program made available to the public a total of 95 seminars and colloquia featuring UBC faculty and visiting lecturers.

Westwater Research Centre

Among the continuing education activities during 1977-78 was the Westwater annual public lecture series attended by over 200 people; the lectures are published in an annual series. On behalf of the West Coast Oil Ports Inquiry, Westwater published a digest of proceedings and evidence titled "WestCoast"; eleven issues of the digest were distributed to some 4,000 individuals and organizations in B.C. and throughout Canada. A number of

workshops were held for research personnel in federal and provincial government departments to share results of studies in the areas of aquatic environments and marine biology, and for representatives of the oyster growers industry and federal and provincial employees on the future prospects of the oyster industry as part of an overall coastal resources management.

Other Selected Activities

Among other activities open to and attended by professionals and members of the general public were the following lectures, courses, seminars and workshops.

The Faculty of Agricultural Sciences, through a number of its Departments, sponsored or co-sponsored several seminars, workshops and courses. Among these were Farmland Values Seminar, Nutritional Management of Livestock, Sheep School, Animal Science-Poultry Science Seminar, Agrology in Action, B.C. Poultry Conference, Short Course on Range Management, Soil Trafficability and Soil Structure Seminar, and Photo Interpretation Short Course. The Faculty of Law offered a public lecture on The Administration of Justice: Practical Value Problems by Dr. S. Shetreet, a Visiting Professor at the University of Manitoba, and a well-attended Conference on Recent Developments in the Law of Evidence. The School of Community and Regional Planning and the School of Physical Education and Recreation co-sponsored a two-day Workshop on Recreation Planning in August 1978, attended by over 150 people from across Canada.

The Institute of Asian Research, under the China Resources Project, organized in March 1978 a three-day Conference on the Teaching of China in the Schools, attended by 60 participants from all parts of B.C. In April, the Institute was involved in organizing a Workshop on Asian Peasants: Movement and Values, co-sponsored by the Canadian Society for Asian Studies and the Canada Council. During July the Institute organized under the China Resources Project a B.C. Teachers' trip to China. The Institute of International Relations sponsored in late September 1977 a Conference on Canada and the International Management of the Oceans, with workshops on fisheries, marine pollution and security issues. The conference was attended by 25 UBC faculty and 75 participants from government agencies and industry.

The Department of Asian Studies sponsored several public lectures and seminars on philosophical, literary and art topics, featuring Liu Ts'un-yam of the Australian National University; Michel Strickmann of Ecole Pratique des Hautes Etudes, Paris; Lewis Lancaster of the University of California; and Anthony V. Liman of the University of Toronto. The weekly colloquium organized by the Computer Science Department is open to and attended by the public. Finally, the E.S. Woodward Lecture Series, organized by the Department of Economics, attracted in 1977-78 some 225 participants, many of them members of the general public. The lectures this

year were The Economics of Confederation, given in February 1978 by Dr. Andre Raynauld of the University of Montreal and The Government of the Economy, presented by Dr. James A. Mirrlees of Oxford University.

DEMONSTRATIONS AND PUBLIC INFORMATION SERVICE

Several faculties and departments provide demonstrations which are open to the public and also offer public information service on a large scale. The Botanical Gardens (described elsewhere in the Report) and the various UBC farms are examples of such demonstrations. The Department of Geophysics and Astronomy arranges frequent visits to demonstrate its seismic and telescope facilities. The UBC Research Forest described below is another important demonstration facility. In the area of public information, the Faculty of Agricultural Sciences provides the most extensive service, also described below.

UBC Research Forest

The 5,157 hectare forest was established in 1949 as a facility for demonstration and instruction in the practice of forestry. It is managed by the Faculty of Forestry to provide an optimal environment for research, education and demonstration in all aspects of the forest sciences.

A part of the UBC Research Forest is designated to serve as a Demonstration Forest for the use of schools and the general public in order to demonstrate forest management practices. Three trails were constructed and a brochure is available for self-guided tours, while guides are available to groups of twenty or more. In addition, staff is involved in an Outdoor Education program for schools, which includes a number of workshops for counsellors and teachers who accompany the school groups using the Demonstration Forest.

Faculty of Agricultural Sciences Public Information Service

FOOD INFORMATION SERVICE. This public service, organized by the Department of Food Science to answer consumer queries received via telephone and mail, is very popular with the general public as well as the professional community. Due to lack of funds, this service had to remain essentially inoperative from September 1977 to February 1978 while the Department actively searched for financial support. This was finally obtained from the federal and provindial governments and through the Youth Employment Program. During March and April the service was again active, with staff available to answer the telephone one day a week and to reply to questions left on the telephone recorder or mailed in during the week. As of May 1, 1978, personnel was available on a full-time basis to respond to consumer queries, received by telephone or in writing. A circular announcing the establishment of Food Facts, the consumer outreach program component of the service, was mailed in early May to some 150 newspapers, radio and television stations, community organizations and professionals in the community. In June, the B.C. Minister of Agriculture announced the co-sponsored information program to the food processing industry.

HORT-LINE. This advisory service, dealing with a wide range of horticultural problems, operated by the Plant Science Department, continues to serve the general public in the Greater Vancouver region. As in previous years, the greatest number of enquiries concerned disease and pest problems. The service is staffed by faculty and students, with financial support for the students coming from the B.C. Ministry of Agriculture. The Hort-Line not only provides a much needed service to the community, but also provides valuable training experience for the students involved.

PUBLIC CONCERTS, READINGS AND THEATRE PERFORMANCES

The University of British Columbia contributes to the cultural life of the Lower Mainland through an increasing number of public concerts, readings and theatre performances. The Department of Music and the Department of Theatre provide most of these.

Department of Music, Public Concerts

The Department of Music offers an extensive varied program of public concerts and recitals. Twenty-six such events attracted audiences exceeding in total 5,000 persons. During 1977-78 the program included the following;

Faculty Recitals: September 12, 13, 14, 15, 16, 29; October 24; November 8, 21; January 26; and February 10

University Wind Symphony: October 6; November 10; and February 28

Contemporary Players: October 7; and March 7

UBC Chamber Players: October 20

University Symphony: October 28; December 2; and February 24

University Choral Union: November 18

University Singers: November 25

Collegium Musicum Ensemble: November 28

UBC Opera Workshop: December 1, 3

University Chamber Singers: March 3

Department of Theatre, Public Productions

Some 18,900 persons, primarily adults, took advantage of the theatre productions sponsored by the Theatre Department. During 1977-78 the following plays were put on:

Frederic Wood Theatre:

A Moon for the Misbegotten (September 14-24)
Much Ado About Nothing (November 2-12)
Deus ex Machina (January 11-21)
Purple Dust (March 1-11)

Dorothy Somerset Studio:

Metamorphosis (November 9-12)
The Empire Builders (January 18-21)
Measure for Measure (May 10-13)

Stage Campus '78:

The Three Cuckolds (June 14-24)
The Hostage (July 12-22)
Tis Pity She's a Whore (August 9-19)

In addition, many other departments and institutes contribute to this varied program in the lively arts. The Creative Writing Department sponsors public readings which this year featured Earle Birney, Reshard Gool, Steve McCaffery, Janis Rappaport, and Miriam Waddington. The Department of Asian Studies featured in March 1978 a lecture-concert on classical Japanese chamber music with Ms. Yoko Gates and Ms. Noriko Iguchi, and a performance of the Tamagawa University Dance and Music Group. A consortium of departments sponsored a performance by Makio Umewaka and troupe, "Song and Dance from Lady Hollyhock" in August.

PROVINCE-WIDE CONTINUING EDUCATION SERVICES

Programs Throughout the Province

The provision of continuing education by UBC to non-metropolitan areas continued to expand during 1977-78. This is evidenced by credit courses as well as by non-credit continuing education in the professions and general education programs.

The Office of Extra-Sessional Studies with the Faculty of Education organized in 1977-78 a total of 52 off-campus credit courses, held in 26 locations throughout British Columbia. These courses served 911 students. This activity was made possible through both financial support from the Interior University Programs Board, and the willingness of faculty to travel extensively, sometimes under rather adverse conditions.

Guided Independent Study introduced this year a series of local seminars and a free student/tutor telephone system to assist independent learners. This was made possible through a grant from the IUPB. The enthusiasm of those students who availed themselves of this service indicates the value of this innovation. A major increase in the development of non-credit courses was undertaken during 1977-78. The use of the short audio-tutorial course in Writing Improvement, both by individuals and colleges, indicated a clear demand for a Learning Skills Program. Two additional courses, Library Research Skills and Study Skills were commissioned. With financial assistance from the IUPB, two courses in the Certificate in the Education of Young Children were also developed as audio-tutorial courses. This will enable pre-school and day care supervisors throughout B.C. to complete part of the certificate program without having to come to UBC during the summer. The increasing emphasis on providing services to B.C. colleges is noteworthy. In addition to making the television course, Fine Arts 125, and the new Learning Skills and Early Childhood Education Courses available to the colleges, Guided Independent Study, in cooperation with the Faculty of Commerce and Business Administration, also assisted with the development of student and instructor materials to enable colleges to offer the equivalent of Commerce 110.

Continuing education programs in the professions expanded again during 1977-78, serving an increasing number of communities throughout B.C.

The Faculty of Agricultural Sciences offered programs in the Lower Fraser Valley and in other locations, while its Food Information Service and its "Hort-Line" served professionals as well as the general public. The Faculty of Commerce and Business Administration, through its Executive Programs, expanded continuing education programs to additional communities in the interior. The Division of Continuing Education in the Health Sciences significantly increased programs offered throughout B.C. This was especially the case in Continuing Education in Pharmacy

(38 programs with 1,459 participants) and in Continuing Medical Education (50 programs with 806 participants). Continuing Dental Education (12 programs with 483 participants) and Continuing Nursing Education (9 programs with 413 participants) also served their professions well. Continuing Education in Pharmacy trained and added 32 new regional coordinators of continuing pharmacy education to its highly successful network. Continuing Dental Education followed suit by training and appointing during 1977-78 eight regional coordinators in this program area. The Faculty of Education also carried on with its significant contribution to professional development of teachers. The Faculty of Forestry established in 1977-78 a Diploma Program in Administration for Foresters which, in conjunction with the Diploma Program in Administration for Engineers, will serve foresters in many areas of B.C. Finally, continuing education in the professions, organized by Faculties through the Centre for Continuing Education, served 1,987 professionals in communities throughout British Columbia.

The Centre for Continuing Education carried on expansion of general continuing education programs to many interior and northern locations, primarily in cooperation with community colleges. The popular solar energy workshops, workshops concerned with women's access programs, and the DACUM project, are illustrations of this service. During 1977-78 the Centre also was an active partner with the United Way Task Force on Retirement Planning and with Premier Cablevision, in producing a TV-packaged program and series of booklets on retirement planning. The program will be shown on cable in forty B.C. communities during the fall of 1978.

In addition to this still more or less ad hoc activity in general continuing education, the Centre for Continuing Education, through its UBC Interior Program carried on a concerted effort in cooperation with the local colleges in the Okanagan, Thompson and West Kootenays regions.

UBC Interior Program

Lecture-visits continued to be scheduled throughout 1977-78 in nine cities and towns of the interior while requests increased for seminars and workshops. General programs for personal interest and growth remain the primary concern; however, through cooperation with Centre Program Directors and appropriate UBC faculties, professional in-service seminars were conducted for traffic engineers, librarians, adult education instructors, and social agency personnel. Twenty-one lecture-visits and fifteen seminars and workshops were organized for over 1,300 participants. The essential support and services of faculty members have been outstanding.

Cooperation with community colleges has moved from information sharing to actual resource and cost sharing in some instances. And, perhaps most important for the future, indigenous citizens' committees ("friends of UBC") have been formalized in

Kamloops, Vernon, the South Okanagan, and the West Kootenays to participate in the process of needs-assessment, program planning, promotion and implementation.

In February, the Ministry of Education asked the Program Director to arrange the interior visit of Sir Walter Perry, Vice-Chancellor of the British Open University.

Some aid was given in the arrangement of interior tutorials for students in Guided Independent Study. Courtesy visits were made for UBC personnel to meet with college administrators and faculty members as well as university-bound students, in Kamloops, Vernon and Kelowna.

The UBC Interior Program office continues to enjoy the hospitality of Okanagan College (Vernon Campus).

While the publicity of the Program has not been exhaustive, faculty visits and television interviews have contributed to a wider acceptance of academics. This year also saw the entry of the other two provincial universities into the general lecture field in the interior.

The Centre's initiative to create and to consult closely with local volunteer committees has, in effect, planted real roots of support for future development particularly in the areas of continuing education for community change and a UBC support beyond the Lower Mainland.

UBC SPEAKERS BUREAU

The UBC Speakers Bureau was organized by the Alumni Association to make UBC faculty, staff and graduate students more accessible as speakers for voluntary community associations and service clubs. Dr. Walter H. Gage, the first Chairman of the UBC Speakers Bureau Committee, made a great contribution to the Bureau in its formative years. Dr. Oscar Sziklai, Professor in the Faculty of Forestry and strong supporter of the Bureau since its inception, is the current Chairman.

During 1977-78, the UBC Speakers Bureau looked after 186 engagements, using a great number of the 282 UBC faculty, staff and graduate student volunteers on its roster. An estimated 7,200 persons formed the audiences for the lectures given. Through the expanded catalogue of topics the UBC Speakers Bureau is now better able to meet the demand for UBC speakers.